

SPALTER

VARIETY INFORMATION



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Genetic Origin

A landrace variety originating in Germany.

Agronomic Aspects

Growing

Classification	Aroma
Yield (kg/ha)	1,000 - 1,300
Maturity	Early
Main growing country	Germany
Acreage (ha)	121

Resistance against Diseases

Wilt diseases	Resistant
Downy mildew	Susceptible
Powdery mildew	Resistant
Aphid	Susceptible

Chemical Ingredients

Bitter Components

Alpha acid %	2.5 - 5.5
Beta acid %	3.0 - 5.0
Cohumulone % rel.	22 - 29
Hard resins : alpha acid	0.36 - 0.80

Polyphenoles

Total polyphenoles	5.3
Xanthohumol	0.2 - 0.3

Aroma Components

Total oils (ml/100g)	0.5 - 1.0
Beta-caryophyllene: Humulene	0.40
Farnesene % of total oil	12.0 - 18.0
Linalool % of total oil	0.5 - 0.8
Linalool : Alpha acid	0.15 - 0.20

Aroma Evaluation (Smell of Raw Hops, 0-5)

Aroma Specification	spicy, fruity, floral, pine, vanilla, tea				
Fruity	1				
Floral	2	1			
Citrusy	1				
Spicy	2	1			
Earthy / resinous	3	2	1		
Herbal	4	3	2	1	
Sugar-like	1				

Substitutes

Brewhouse	Dry Hopping
Tettnanger, Saazer, Lubliner	Tettnanger, Saazer, Lubliner

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COMMITTED TO THE BREWER